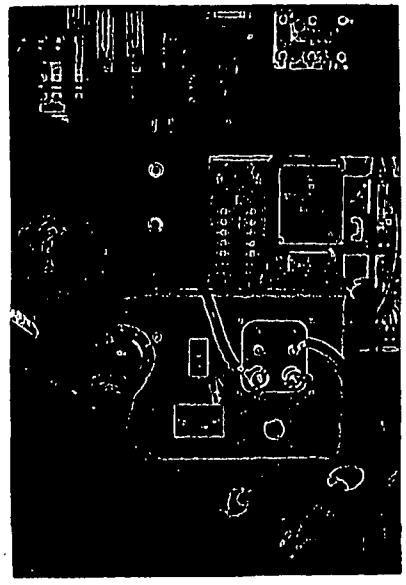
More EQUIPMENT NEWS

Begins on page 156



Test Instrument Checks Current-Actuated Protective Devices

602 • Portable high-current industrial *Multi-Amp* model 1010 checks operation of circuit breakers, overload relays, etc, before, during or after installation, without danger to other equipment.

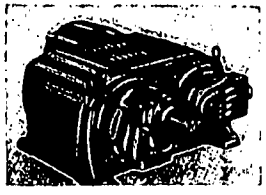
Unit is adjustable in stepless increments with fingertip control. Manufacturer claims it will check both devices with high impedance and low current and those with low impedance and high current.

To test an overload relay, connect it to the proper *Multi-Amp* terminals, adjust amperage to desired test value, meanwhile observing a current indicator and a timer. If relay trips according to manufacturer's time-current curve, it will do protective job it's supposed to do.

Tester is rated at 1 kva, operates on 110 v, 60 cycle ac, 0 to 10 amps. Output can be adjusted from 0 to 500 amps in 5 ranges.

Bulletin available.

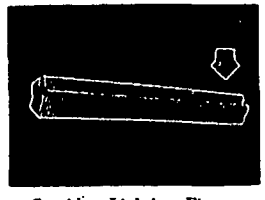
Multi-Amp Corp, Harrison, N.J.



Variable-Speed Drive

612 • Horizontal assembly of *Varidrive* motor has all the features of the company's upright models, is available up to 30 hp. Speed variations up to 10:1 are available.

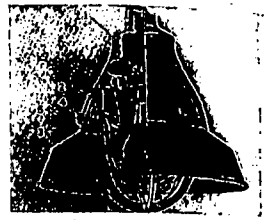
U. S. Electrical Motors Inc, Box 2058, Terminal Annex, Los Angeles 54, Calif.



Corridor Lighting Fixture

640 • Unit is said to take care of asymmetrical lighting requirements in wide halls and corridors. Sidewise illumination is broad, lengthwise the brightness is shielded by 45-deg louvers. *V-C-U* corridor light is available in 4, 8 and 16 ft lengths, wired rapid-start, conventional or slimline, in one or two rows of lights.

Edwin F Guth Co, 2615 Washington Ave, St. Louis 3, Mo.

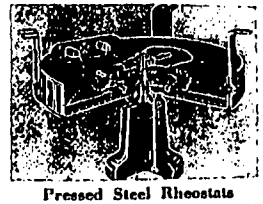


Explosion-Proof Fixture

646 • Series EV explosion-proof industrial lighting fixture has improved threaded connections to prevent liquids, vapors or dirt from entering bulb and receptacle areas.

Unit is claimed to be easier to install and relamp because of its light weight and improved sealing. All types of reflectors are available on 100, 150, 200, 300 and 500 w fixtures.

Crouse-Hinds Co, Syracuse 10, N. Y.



Pressed Steel Rheostats

604 • Bulletin 60A rheostats are available in two distinct types, S (standard) and M (multi-step), with 6, 8 and 13 in. diameters. Maximum summation watt ratings are 330, 450 and 1000 respectively. Control steps per plate range from 41 to 161. Both types are obtainable with a wide range of resistance values and current tapers. Manual or motor driven operation is possible.

Manufacturer claims the rheostats furnish smoother operation, lower operating torque and more control steps than previous designs.

Ward Leonard Electric Co, Mt. Vernon, N. Y.

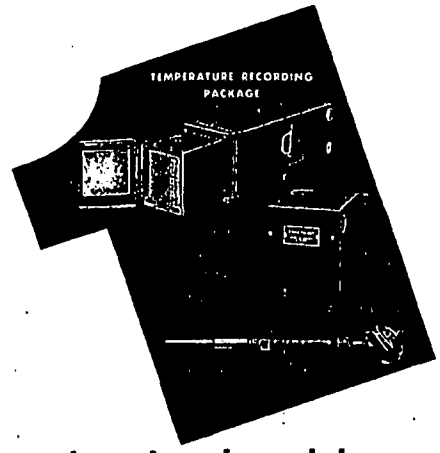
For more data on these items, use post card, p. 165. Identify your request with item number

Fuel Oil Additive

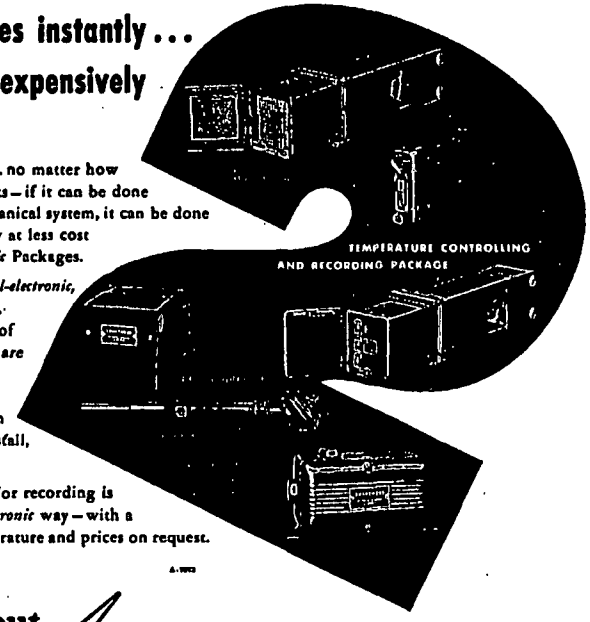
613 • Liquid chemical compound *Atom-IX* changes molecular structure of all fuel oils. Manufacturer claims this permits more complete combustion, results in higher thermal efficiency with less carbon residue. Condensation is reduced, sludge broken up.

Bell Laboratory Inc, Orlando, Fla.

(*Continued on page 160*)



2 new Autronic packages help you control and/or record temperatures instantly... accurately... inexpensively



No matter what the process... no matter how stringent the control requirements—if it can be done with a pneumatic or electro-mechanical system, it can be done better, faster, easier and generally at less cost with one of the two new *Autronic* Packages.

Since the *Autronic* System is *all-electronic*, it eliminates transmission lags... places no restriction on location of components. Other *plus features* are flexibility for multiple control systems... interchangeability of components without recalibration ... elimination of expensive-to-install, troublesome air lines.

So if temperature control and/or recording is your problem solve it the *all-electronic* way—with a Swartwout *Autronic* Package. Literature and prices on request.

Swartwout *Autronic* CONTROL SYSTEM

THE SWARTWOUT COMPANY • 18511 EUCLID AVENUE • CLEVELAND 12 • OHIO